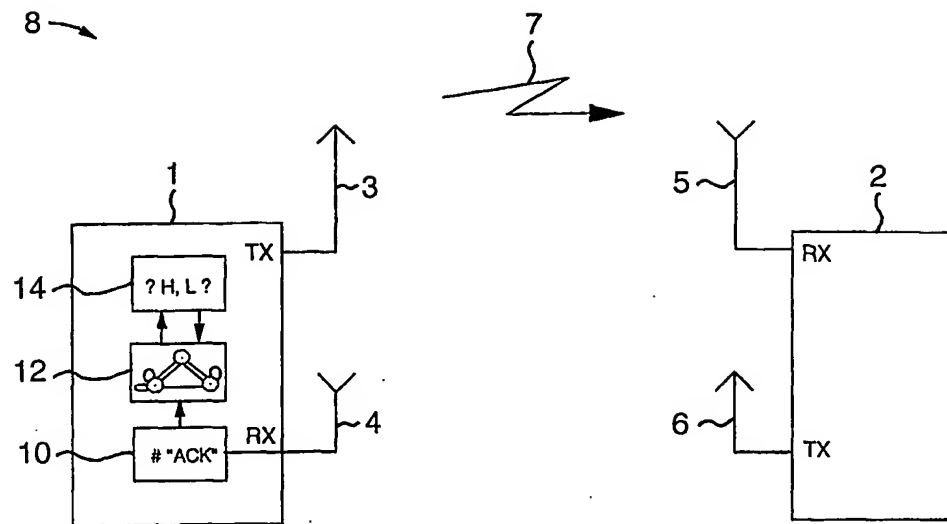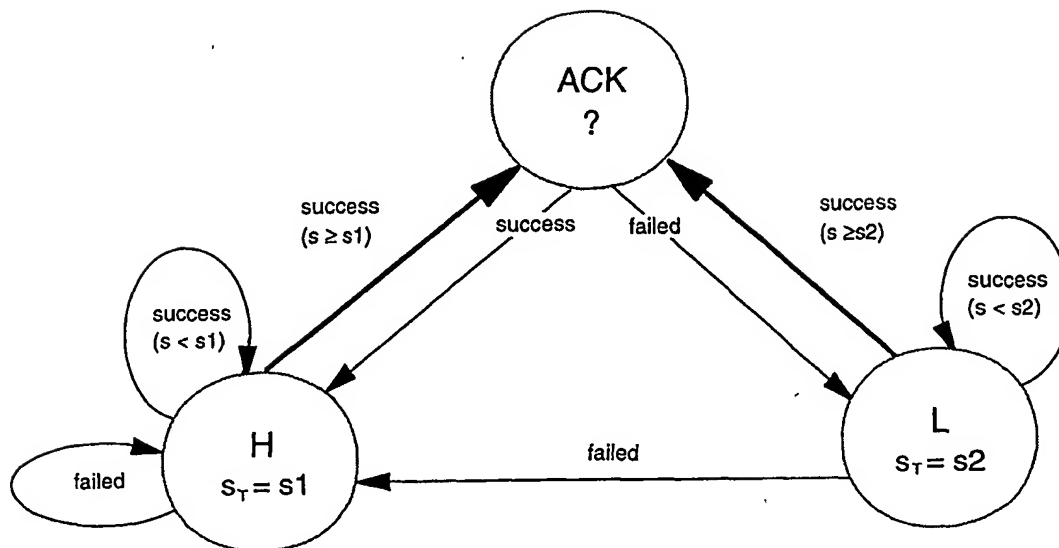Fig. 1

failed: s := 0, f+, and
             if f ≥ f_T, then down rate and f := 0
success: s+, f := 0, and
             if in state H: s ≥ s1 or in state L: s ≥ s2, then up rate and s := 0
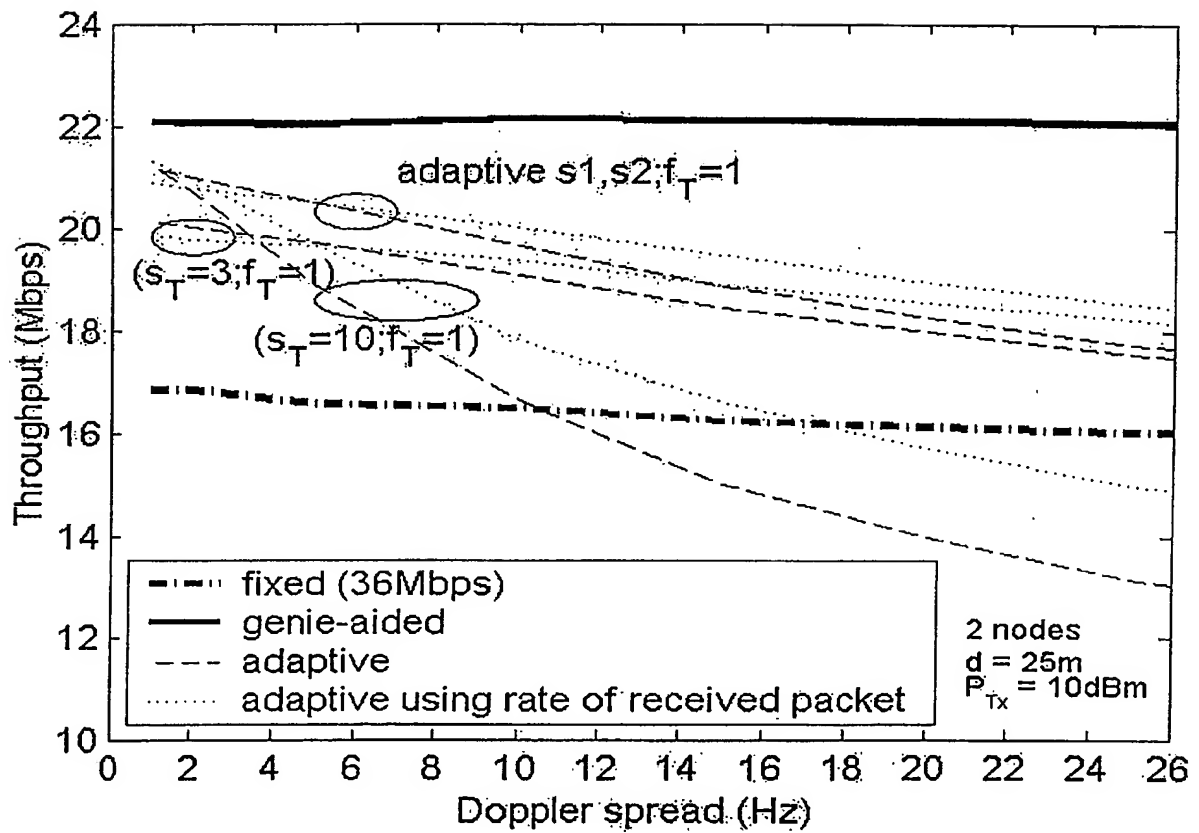
e.g.: f_T = 1, s1 = 3, s2 = 10

Fig. 2

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Fig. 3